

EDST2062

5ggYgga Ybh'Ug'DfUWJW

GYa YghYf'Hk c''#'&\$%

7ci fgY^{*}Cj Yfj]Yk

GHUZZ:7cbHUWh8YHJ]`g`

'7cbj Ybcfg'

B Ua Y	9a U]`	5j U]`UV]`]m	@cWJhjcb	D\cbY
8Ybb]g'5`cbnc	lacksquare	H\i fgXUm'\$\$	Fa'%,'>c\b ; ccXgY`` 6i]`X]b[-',)

GWXcc``7cbHJWhʻ±bZcfa Uh]cb

GWXcc``cZ9Xi WUHJcb 5fhg`UbX`GcWJU``GWJYbWYg

@Yj Y``%z'>c\b'; ccXgY```6i]`X]b['fl &\$Ł

H. 'Ž * %'f&Ł'-' ,) '%-++

9.

7ci fgY 8YW] g

7 fYX]hDc]bhg * *

K cf_`cUX

%) \$`\ci fg`]bWi X]b[`WUgg`WcbHJWi\ci fgž`fYUX]b[gž`WUgg`dfYdUfUh]cbž`UggYgga Ybhž`Zc``ck`i d`UWhjj]hjYgž YhW

Giaa UfmcZh\Y 7ci fgY

Gi VYWh5fYU. 7VgUSf[a`

H\]g`Wci fgY`]g`XYg][bYX`Zcf`mci `hc``YUfb`UVci hh\Ycf]Yg`UbX`dfUW]WYg`cZUggYgga Ybh''=f]bhfcXi WYg`mci `hc [YbYfU``WcbWYdhg`cZUggYgga YbhiUbX`a YUgi fYa Ybhih\UhUfY`Udd`]WUV`Y`]b`WUggfcca ža cfY`[YbYfU``m YXi WUhjcbU`ž'gYhh]b[g"`=fik]```XYgWf]VY`h\Y`h\Ycf]Yg`UbX`hYW\b]ei Yg`h\UhHYUW\Yfg`UbX`hYghXYj Y`cdYfg`WUb i gY`hc`[i]XY`UbX`XYg][b`h\Y]f`UggYgga Ybh'UbX`hYUW\]b[`dfUW]WYg"`GdYW]Z]Whcd]Wg`Wcj YfYX`]bWi XY dfYdUfUhjcb`cZUggYgga Ybh'Ug_gž'fc`Yg`cZhYUW\Yf`ZYYXVUW_]b`ghi XYbh`YUfb]b[ž'UggYgga Ybh'a cXYfUhjcbž hYUW\Yf`^X[Ya Ybhg`cZghi XYbh`YUfb]b[`Ug`k Y```Ug`\ck `hc`gWcfYž]bhYfdfYhžUbX`fYdcfhcb`ghi XYbh UW\]Yj Ya YbhUbX`UggYgga YbhfYgi `hg"

5 hh Y WcbWi g]cb cZh]g Wci fgY h Y gh XYbhk] ``VY UV Y hc

- %" 5b'i bXYfgHJbX]b['cZh\Y'bUhi fY'UbX']bWjcbg'cZa YUgi fYa Ybh'UbX'UggYgga Ybh'UbX']bhYffY`UhYX bUhi fY'cZW ff]W'i a ž'hYUW\]b['UbX'UggYgga Ybh
- &" 5 b i bXYfgHUbX]b['cZ_YmiHYfa g'UbX'WcbWYdhg'cZj U']X]hmUbX'fY`]UV]`]hmUbX'h\Y]f'fc`Y`]b'h\Y WcbgHi Whcbz'gY`YWhcbz']bHYfdfYHUhcb'UbX'i gY'cZUggYgga Ybh]bgHi a Ybhg
- ' " 5 b 'UddfYV||Uh||cb 'cZh\Y 'fY 'Uh|| Y 'ghfYb[h\g 'UbX '`]a]hUh||cbg 'cZX]ZZYfYbhimdYg 'cZUggYgga Ybhhcc 'g
- ("5b'i bXYfgHJbX]b['cZ\ck'hc'Wcbglfi Wigci bX'UbX'YZZYWfj Y'hYghg'UbX'ch\Yf'UggYgga Ybh lbglfi a Ybhg
-) " 5 b i bXYfgHJbX]b[cZgci bX dfUWf]WYg]b UXa]b]gHYf]b[UggYgga Ybh]bgHfi a Ybhg#Yghg UbX gWcf]b[ghi XYbhfYgdcbgYg
- *" 5b'i bXYfgHJbX]b['cZX]ZZYfYbhJddfcJWXYg'hc'gi a a Uf]g]b['UbX'fYdcff]b['gh XYbhJWX]Yj Ya Ybh
- +" 5b i bXYfqHUbX]b[cZgci fWgcZV]Ug'UbX'Yffcf]b UggYgga YbhUbX'\ck 'h\YmWUb'VY'a]b]a]gYX

HYUW]b[GhfUhY[]Yg

@YWi fYg`dfYgYbhZ bXUa YbhU``WcbWidhg"`Hi hcf]U`g`k]```VY`i gYX`Zcf`ghi XYbhg`hc`[U]b`XYYdYf`i bXYfgHUbX]b[cZh\Y`WcbWidhg``YUfbYX`Xi f]b[``YWi fYgž`VmXc]b[`\UbX!WJ`W``Uh]cbgž`fYUX]b[ž`fYZYWh]cbž`fYj]Yk]b[fY`Yj Ubhk YV!g]hYgž`UbX`[fci d`X]gWi gg]cbgž`]bWi X]b['dYYf`ZYYXVUW_"'H\YgY`UWhj]hJYg`k]```YI hYbX`VUg]W _bck `YX[Y`hc`dfUWhJWJ``Udd`]WUh]cbg"'Ghi XYbhg`k]```a YYhž']bj Ygh][UhY`UbX`X]gWi gg`WcbWidhgždfUWhJWig`UbX hYWkb]ei Yg`]bj c`j YX`]b`YXi WUh]cbU``UggYgga YbhUbX`a YUgi fYa Ybh'

I bXYfgHbX]b['UggYgga YbhfYgi `hg`\Ug'VYWca Y'U'"VUg]W''g_]``Zcfa cXYfb!XUmWJhjnYbg"'HYWkb]ei Yg'UbX WcbWYdhg']b'UggYgga YbhfUbX'a YUgi fYa YbhfUfY'Udd`]WJV'Y'hc'U``hmdYg'cZg_]``g'fYei]f]b[']bhYfdfYhJhjcb'cZ Ubm[]j Yb'XUhJgYhg"'7 cbhYbhfUbX'UWIj]hJYg']b'h]g'Wci fgY'k]``dfcj]XY'ghi XYbhg'k]h\'h\Ycddcfhi b]hmhc i bXYfghJbX'UbX'UddfYWJUhY'k \UhUggYgga Ybhjg'UbX'\ck ']hWJb'VY'i gYX'hc'VYghXYg][b'UggYgga YbhHJg_g []j Yb'U'dUfhJW 'Uf'gYhJb["'Hc'UW\]Yj Y'h\]gžghi XYbhg'k]```YUfb'Z bXUa YbhU`WcbWYdhg'UbX'Udd`]WJV'Y hYWkb]ei Yg']b'dfYdUfUhJcbžUXa]b]ghfUhJcb'UbX'gWcf]b['cZUggYgga YbhfYgi `hg"''

5i ghfu`]ub DfcZYgg]cbu`; fuXi UhY HYUWX]b[GhUbXUfXg

GHJbXUfX	8 YgWf]dh]cb
%"%"%	8Ya cbglfUhY`_bck`YX[Y`UbX'i bXYfghUbX]b[`cZd\mg])WJ`ž'gcW]U``UbX`]bhY``YWhi U`XYjY`cda YbhUbX`WXUfUWhYf]gh]Wg`cZghi XYbhg`UbX`\ck`h\YgY`a Um\UZZYWh`YUfb]b["
%"&"%	8Ya cbglfUllY'_bck`YX[Y'UbX'i bXYfglUbX]b['cZfYgYUfW\']blc`\ck'gli XYblg``YUfb'UbX l\Y']a d`]WUllJcbg'Zcf'lYUW\]b["
%") "%	8 Ya cbglfUlY'_bck `YX[Y'UbX'i bXYfgl*UbX]b['cZglfUlY[]Yg'Zcf'X]ZYfYbt]Ul]b['hc a YYhih\Y'gdYW]Z]W'YUfb]b['bYYXg'cZghi XYbtg'UWfcgg'h\Y'Z ```fUb[Y'cZUV]`]t]Yg"
' "* "%	8 Ya cbglfUhY 'VfcUX'_bck 'YX[Y'cZglfUhY[]Yg'h\UhWb'VY'i gYX'hc'Yj U'i UhY'hYUW\]b[dfc[fUa g'hc']a dfcj Y'gh XYbh'YUfb]b["
) "%"%	8Ya cbglfUlY'i bXYfglUbX]b['cZUggYgga YbhglfUlY[]Ygž]bWl X]b[']bZcfa U``UbX'Zcfa U`ž X]U[bcgljWžZcfa Uljj Y'UbX'gi a a Uljj Y'UddfcUWXYg'lc'UggYgg'gh XYbh'YUfb]b["
) "&"%	8 Ya cbglfUhY 'Ub'i bXYfghUbX]b['cZh\Y'di fdcgY'cZdfcj]X]b['h]a Y`mUbX'Uddfcdf]UhY ZYYXVUW_'hc'ghi XYbhg'UVci hih\Y]f'`YUfb]b["
) "' "%	8Ya cbglfUhY'i bXYfglUbX]b['cZUggYgga Ybha cXYfUh]cb'UbX']hg'Udd`]WUh]cb'hc'gi ddcfh Wcbg]ghYbh'UbX'Wca dUfUV`Y'^ X[Ya Ybhg'cZghi XYbh`YUfb]b["
) "("%	8Ya cbglfUhY h\Y`WUdUW]mihc`]bhYfdfYhighi XYbh'UggYgga Ybh'XUhU'hc'Yj U'i UhY'ghi XYbh 'YUfb]b['UbX'a cX]ZmhYUW\]b['dfUWf]WY
) ") "%	8 Ya cbglfUhY'i bXYfglUbX]b['cZU'fUb[Y'cZglfUhY[]Yg'Zcf'fYdcff]b['hc'ghi XYbhg'UbX dUfYbhg#WJfYfg'UbX'h\Y'di fdcgY'cZ_YYd]b['UVWV fUhY'UbX'fY`]UV'Y'fYWcfXg'cZghi XYbh UW\]Yj Ya Ybh'

BUh]cbU``Df]cf]hm5fYU'9`UVcfUh]cbg

Df]cf]lmi5fYUg	9`UVcfUhjcbg
5 '! '5 Vcf][]bU`'UbX'HcffYg'GlfU]h'=g`UbXYf'9Xi WUh]cb	,
6'!'7`Uggfcca 'A UbU[Ya Ybh	
7 '!' ±b Zcfa Uhjcb 'UbX'7 ca a i b]WUhjcb 'HYW\bc`c[]Yg	%&
8'!'@ hYfUWmUbX'BiaYfUWm	- ž%) ž%
9'!'Ghi XYbhg'k]h\'GdYVJU`'9Xi WUhjcb'BYYXg	&ž*
: '!'HYUW\]b['Gh XYbhg'Zfca 'Bcb!9b[']g\'GdYU_]b['6UW_[fci bXg	' Ž)

 $8YHU]`g. ``HUg_`\&`! ``FYZYWI]cb``9ggUm!``&) $$``k cfXgGh`XYbhg``k]```fYWY]j Y``k f]HhYb``ZYYXVUW_`k]h\]b'`h\fYYk YY_g`cZgi Va]gg]cb''$

I BGK G7 < CC@C: 981 75H€B F1 6F = 7 # 998657? G < 99H

98GH&\$*&

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GdYW] ZJW7 f]HYf]U	¨flŁ—	···flŁ———		— 2f∑̃Ł	
I bXYfgHJbX`cZh\Y`ei Ygh]cb`cf`]ggi Y`UbX`h\Y`_Ym`WcbWYdhg]bj c`j YX					
• '					
8Ydh\cZUbUmg]g'UbX#cf'Wf]heiY']b'fYgdcbgY'hc'h\Y'hUg_					
: Ua]`]Uf]lmik]h\ 'UbX'fY`Yj bWY'cZdfcZYgg]cbU`'UbX#cf'fYgYUfVX `]hYfUhi fY'i gYX'hc'gi ddcfhifYgdcbgY					
GHTi Whi fY'UbX'cf[Ub]nUh]cb'cZfYgdcbayk"					
DfYgYbhUhjcbicZfYgdcbgy Wwycfxjb[ihciuddfcdf]UhYiUWUXYa]WUbX `]b[i]ghjWwcbjYbhjobg					
; YbYfU`Wca a Ybhg#YWca a YbXUh]cbgʻZcfʻbYl hh]a Y.ʻ					

@YWhi fYf

F YWca a YbXYX. ' '''#&\$'fl @'DG'7F'8B'<8Ł' k Y][\h]b['.'&\$i

"B6. h\]g'h\Wg']b'h\Y'j Uf]ci g'Vcl Yg'UbX'XYg][bYX'rc'dfcj]XY'ZYYXVUW_'rc'ghi XYbrg/h\YmUfY'bch[]j Yb
Yei U`k Y][\h]b'XYhYfa]b]b['h\Y'fYWca a YbXYX'[fUXY"8YdYbX]b['cb'h\Y'bUhi fY'cZh\Y'UggYgga YbhiUg_ž
'YWhi fYfg'a Um'U`gc'WcbhYl hi U`]nY'UbX#cf'Ua YbX'h\YgY'gdYV]Z]WWf]hYf]U"''H\Y'fYWca a YbXYX'[fUXY']g
hYbhUh]j Y'cb`mžgi Va 'YWh'rc'ghUbXUfX]gUh]cb'dfcWyggYg'UbX'Uddfcj U`'Vmh\Y'GW\cc`'cZ'9Xi WUh]cb
@YUfb]b['UbX'HYUW\]b['7ca a]hhYY"

I BGK G7 < CC@C: 981 75H€B F1 6F = 7 # 998657? G < 99H

98GH&\$*&

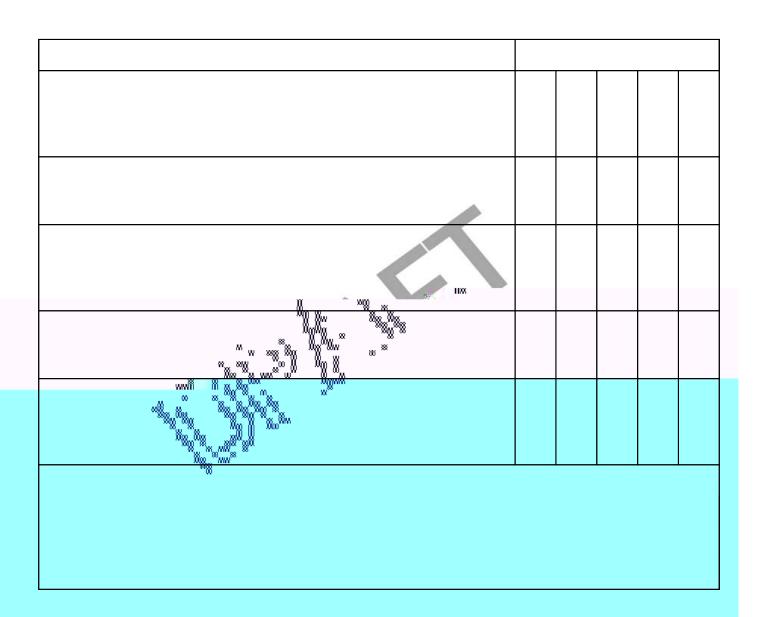
5ggYgga YbhHUg_. ≠b!WUgg HYgh

GdYW]ZJW7f]hYf]U	::flŁ——	——2fŽŁ
I bXYfgHJbX'cZ'h\Y'ei Ygh]cb'cf']ggi Y'UbX'h\Y'_Ym'WcbWYdhg]bj c`j YX		
8Ydh\cZUbUmg]g'UbX#cf'Wf]heiY']b'fYgdcbgY'hc'h\Y'hUg_		
: Ua]`]Uf]hmk]h\ `UbX`fY`Yj bWY`cZ`dfcZYgg]cbU``UbX#cf`fYgYUfVX `]hYfUhi fY`i gYX`hc`gi ddcfhifYgdcbgY		
Ghri Whi fy'Ubx'cf[Ub]nUh]cb'cZfYgdcbaha ***********************************		
DfYgYbHJhjcbicZifYgdcbgy twocfxjb[ihcityddfcdf]UhYiUWUXYa]WUbX `]b[i]ghjWWcbjYbhjobg		
; YbYfU`Wca a Ybhg#fYWca a YbXUhjcbgʻZcfʻbYl h'hja Y.ʻ		

@YWhifYf

F YWca a YbXYX. ' '''#&\$'fl @'DG'7F'8B'<8Ł' k Y][\h]b['.'&\$i

"B6. h\]g'h\Wg']b'h\Y'j Uf]ci g'Vcl Yg'UbX'XYg][bYX'rc'dfcj]XY'ZYYXVUW_'rc'ghi XYbhg/h\YmUfY'bch[]j Yb
Yei U`k Y][\h]b'XYhYfa]b]b['h\Y'fYWca a YbXYX'[fUXY"8YdYbX]b['cb'h\Y'bUhi fY'cZh\Y'UggYgga YbhHUg_ž
'YWhi fYfg'a Um'U`gc'WcbhYl hi U`]nY'UbX#cf'Ua YbX'h\YgY'gdYV]ZJWWf]hYf]U"''H\Y'fYWca a YbXYX'[fUXY']g
hYbhUh]j Y'cb`mžgi Va 'YWh'nc'ghUbXUfX]gUh]cb'dfcWyggYg'UbX'Uddfcj U`'Vmh\Y'GW\cc`'cZ'9Xi WUh]cb
@YUfb]b['UbX'HYUW\]b['7ca a]hhYY"



Gi Va]gg]cb cZ5ggYgga YbhHUg_g

 $Gh\ XYbhg\ 'UfY\ 'YI\ dYWhYX\ 'hc\ 'di\ hh\ Y]f\ 'bUa\ Yg\ 'UbX\ 'gh\ XYbhbi\ a\ VYfg\ 'cb\ 'Yj\ YfmdU[\ Y\ 'cZh\ Y]f\ 'Ugg][\ ba\ Ybhg\ ''$

Hi fb]h]b Gi Va]gg]cb

 $\bullet \ \ \, \text{K cf_'gi Va]} \\ \text{lh} \\ \text{X '\%' hc '\% 'XUmg 'UZhYf' h\ Y 'gh]} \\ \text{di ``UhYX 'XYUX`]} \\ \text{bY } \\$

5 WUXYa]W<cbYghmUbX D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b['h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b['h\Ya `Ug`mci f`ck b"'=hWUb`hU_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b['hc`UWW]XYbhU``mWcdm]b['Zfca `U`gci fW'k]h\ci hUW_bck `YX[Ya Ybh'

 $I BGK `[fci dg'd`U[]Uf]ga `]bhc'h\Y'Zc``ck]b[`WUhY[cf]Yg.$

 $7 \text{ cdm}b[...i g]b[...h\Y.gUa Y.cf.j Yfmig]a] \Uf'k cfXg'hc'h\Y.cf][]bU''hYl h'cf']XYU'k]h\ci h'U\V_bck `YX[]b[...h\Y.cf][]bU''hYl h'cf']XYU'k]h'cf']$

- i bXYfgfUbX mci f'f][\hg'UbX'fYgdcbg]V]`]hJYg'Ug'U'gh XYbhUhl BGK
- VY`Uk UfY`cZd`U[]Uf]ga ž`Wcdmf][\hz'l BGK `Gh XYbh7cXY`cZ7cbXi WhUbX`5VWWdhUV`Y`l gY`cZ I BGK `=\forall H`F Ygci f\W\g`Dc`]\m\m
- VY 'Uk UfY 'cZh\Y 'ghUbXUfXg 'cZVY\Uj]ci f'Yl dYWYX 'cZYj YfmcbY ']b 'h\Y 'l BGK 'Wca a i b]hm
- `cWUHY 'gYfj]WYg'UbX ']bZcfa UH]cb'UVci hI BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci ž'ch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``h\YfY`UhYX'UgdYWfg'cZ9@G9'k]``\Y`d'mci 'a U_Y'h\Y'a cghicZmci f'ghi X]Yg'UhI BGK "f\hd.#gi VYWf[i]XYg"]VfUfm"i bgk "YXi "Ui #\`]gY#JVci hY`]gY

F Ygci fWYg

DfYgWf]VYX F Ygci fWYg

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